This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

NITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Kamen et al.

Serial No.:

10/617,608

Date Filed: Invention:

July 11, 2003 Motion Control of a Transporter Art Unit:

1062/D67

3611

Examiner:

Atty. Docket:

Not Assigned

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited on November 20

, 2003 with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria,

VA 22313-1450.

Mail Stop Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Dear Sir:

Please note that a portion of the priority information section was omitted on the attached filing receipt. Please correct the error as follows:

In the "Domestic Priority data as claimed by applicant" section, in addition to the priority data currently appearing on the filing receipt, please correct "CON of 09/325,976" to say CIP.

A copy of the formal filing receipt indicating the correction in red ink. is enclosed. Also attached is a copy of the first page of the application which includes the priority information, and a copy of the Application Data Sheet that was filed with the application. Applicant kindly requests that the filing receipt be amended accordingly.

Respectfully submitted,

Alexander J. Smolenski, Jr.

Reg. No. 47,953

BROMBERG & SUNSTEIN LLP

125 Summer Street

Boston, MA 02110-1618

(617) 443-9292

Customer No. 02101

01062/00D67 278035.1



UNITED STORE DEPARTMENT OF COMMERCE
United States Recentled Trademark Office
Address: COMMISSIE-12 - FOR EATENTS
P.O. BOX 1450
Alexandria, Virginia 17, 43-44
www.uspto.gov

 APPL NO.
 FILING OR 371 (c) DATE
 ART UNIT
 FIL FEE REC'D
 ATTY.DOCKET NO
 DRAWINGS
 DATE
 IND CLMS

 10/617,608
 07/11/2003
 3611
 0.00
 1062/D67
 5
 33
 4

02101 BROMBERG & SUNSTEIN LLP 125 SUMMER STREET BOSTON, MA 02110-1618

RECEIVED

OCT 1 0 2003

CONFIRMATION NO. 2907

FILING RECEIPT
OC000000011000211

BROMBERG & SUNSTEIN

Date Mailed: 10/08/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Dean L. Kamen, Bedford, NH; Robert R. Ambrogi, Manchester, NH; J. Douglas Field, Bedford, NH; John D. Heinzmann, Manchester, NH; Richard Kurt Heinzmann, Francestown, NH; Christopher C. Langenfeld, Nashua, NH;

Domestic Priority data as claimed by applicant

This appln claims benefit of 60/395,299 07/12/2002 and is a GON of 09/325,976 06/04/1999 which is a CIP of 08/479,901 06/07/1995 PAT 5,975,225 which is a CIP of 08/384,705 02/03/1995 PAT 5,971,091 which is a CIP of 08/250,693 05/27/1994 PAT 5,701,965 which is a CIP of 08/021,789 02/24/1993 ABN

Foreign Applications

If Required, Foreign Filing License Granted: 10/07/2003

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

Motion control of a transporter

Preliminary Class

180

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



5

10

15

20

25

Attorney Docket: 1062/D67

Motion Control of a Transporter

Cross Reference to Related Applications

This application claims priority from United States Provisional Patent Application Serial No. 60/395,299, filed July 12, 2002, entitled "Control of a Transporter Based on Disposition of the Center of Gravity."

Additionally, the present application is a continuation-in-part of U.S. Patent Application Serial No. 09/325,976, filed June 4, 1999, which is, in turn, a continuation-in-part of U.S. Patent Application Serial No. 08/479,901, filed June 7, 1995, now issued as U.S. Patent no. 5,975,225, itself a continuation-in-part of U.S. Patent Application Serial No. 08/384,705, filed February 3, 2005, now issued as U.S. Patent no. 5,971,091, itself a continuation-in-part of U.S. Patent Application Serial No. 08/250,693, filed May 27, 1994, now issued as U.S. Patent no. 5,701,965, itself a continuation-in-part of U.S. Patent Application Serial No.08/021,789, filed February 24, 1993 and now abandoned.

All of these prior applications are incorporated herein by reference.

Technical Field

The present invention pertains to transporters and methods for transporting a load which may be an individual, and more particularly to controlling motion of a transporter.

Background Art

A wide range of vehicles having a motorized drive arrangement are known for conveying various subjects, either for purposive locomotion or for recreational purposes. The means used by an operator to control motion of the motorized drive arrangement of varies greatly. For example, an operator may manipulate an accelerator pedal to control forward motion of an automobile, while steering is typically accomplished using a steering wheel. Or the motion of a sporting vehicle may be controlled by rocking a foot board upon which a user is standing towards the front or rear, so as to mechanically move a throttle cable, as described in U.S. patent no. 4,790,548 (Francken). Based on the operator's physical attributes for example, or the transporter's intended functionality, alternative methods for controlling motion of a transporter may be desirable.

Inventor Information

Inventor One Given Name

Family Name::

Postal Address Line One::

City::

State or Province:: Postal or Zip Code::

Citizenship Country::

Inventor Two Given Name::

Family Name::

Postal Address Line One::

City::

State or Province:: Postal or Zip Code:: Citizenship Country::

Inventor Three Given Name::

Family Name::

Postal Address Line One::

City::

State or Province:: Postal or Zip Code::

Citizenship Country::

Inventor Four Given Name::

Family Name::

Postal Address Line One::

City::

State or Province:: Postal or Zip Code:: Citizenship Country::

Inventor Five Given Name::

Family Name::

Postal Address Line One::

City::

State or Province:: Postal or Zip Code:: Citizenship Country:: Dean L.

Kamen

15 Westwind Drive

Bedford

NH 03110

U.S.A.

Robert R. Ambrogi

141 Arah Street Manchester

NH 03104 U.S.A.

J. Douglas

Field

24 Puritan Drive

Bedford

NH 03110

U.S.A.

John David Heinzmann

585 Belmont Street

Manchester

NH 03104 U.S.A.

Richard Kurt

Heinzmann P.O. Box 272 Francestown

NH 03043 U.S.A. Inventor Six Given Name::

Family Name::

Christopher C. \ Langenfeld

Postal Address Line One::

35 Cathedral Circle

City::

Nashua

State or Province:: Postal or Zip Code::

NH 03063

Citizenship Country::

U.S.A

Correspondence Information

Correspondence Customer Number::

Application Information

Title Line One::

Motion Control of a Transporter

Total Drawing Sheets::

5

Formal Drawings?:: **Application Type::**

No Utility

Docket Number::

1062/D67

Representative Information

Representative Registration Number::

47,953

Continuity Information

This application is a::

Non-Prov. of Provisional

>Application One:: Filing Date::

60/395,299 07-12-02

This application is also a::

Continuation-in-Part of

>Application Two::

09/325,976

Filing Date::

06-04-99

Which is a::

Continuation-in-Part of

>>Application Three::

08/479,901

Filing Date:: Patent No.::

06-07-95 5,975,225

Which is a::

Continuation-in-Part of

>>>Application Four::

08/384,705

Filing Date:

02-03-95

Patent No.::

5,971,091

Which is a::

>>>Application Five:: Filing Date:: Patent No.:

Which is a::

>>>>Application Six:: Filing Date::

Continuation-in-Part of

08/250,693

05-27-94

5,701,965

Continuation-in-Part of

08/021,789

02-24-93